

Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/901,609
Confirmation Number	7608
Filing Date	July 11, 2001
First Named Inventor	Yoshiaki SAKATANI
Art Unit	1754
Examiner Name	Unknown
Attorney Docket Number	Q65273

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
JW		US 6,429,169	B1	08-06-2002	Ichinose
AN		US 6,107,241	A	08-22-2000	Ogata et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

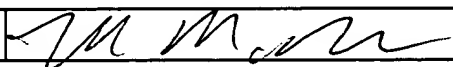
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
W		JP	09-71418	A	03-18-1997	Saga Pref. Gov.	Abstract
LO		EP	1 254 863	A1	11-06-2002	Ecodevice Laboratory Co., Ltd.	
LO		EP	1 205 244	A1	05-15-2002	Kabushiki Kaisha Toyota Chuo Kenkyusho	
W		JP	2001-246247	A	09-11-2001	Mitsubishi Heavy Ind. Ltd.	Abstract
W		JP	2001-294425	A	10-23-2001	Tayca Corp.	Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
W		M. CHE et al., "Nature of Paramagnetic Species Produced by Oxygen Treatment of Titanium Dioxide", <i>Chemical Physics Letters</i> , Vol. 8, No. 1, January 1, 1971, pp. 45-48	
W		H. NODA et al., "Preparation of Titanium (IV) Oxides and Its Characterization", <i>The Chemical Society of Japan</i> , No. 8, March 8, 1986, pp. 1084-1090 with complete English translation	

Examiner Signature



Date Considered

8/2/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

Substitute for form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	09/901,609
Confirmation Number	7608
Filing Date	July 11, 2001
First Named Inventor	Yoshiaki SAKATANI
Art Unit	1754
Examiner Name	Unknown
Attorney Docket Number	Q65273

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
TW		US 5,011,674		04-30-1991	Yoshimoto et al..
		US			
		US			
		US			
		US			
		US			
		US			
		US			

RECEIVED
JAN 15 2002
TC 1700

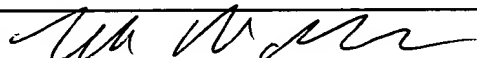
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
TW		EP	1 125 636	A1	08-22-2001	Ecodevice Laboratory Co., Ltd.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature



Date Considered

6/2/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. Q65273		Serial No.: 09/901,609 Confirmation No.: 7608	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant: Yoshiaki SAKATANI, et al.			
				Filing Date: July 11, 2001		Group: Unknown	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)
FOREIGN PATENT DOCUMENTS							
		Document	Date	Country	Class	Sub- class	Translation Yes/No
		1 065 169 A1	01/03/2001	European Patent Office	—	—	
		1 095 908 A1	05/02/2001	European Patent Office	—	—	
		2000-140636	05/23/2000	Japan	—	—	English Abstract
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		S. Sato, "Photocatalytic Activity of NO _x -DOPED TiO ₂ In The Visible Light Region", Chemical Physics Letters, Vol. 123, No. 1,2 (pp. 126-128) <i>no date</i>					
EXAMINER:		DATE CONSIDERED: <i>6/2003</i>					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							